Illustration at right shows sgraffito work partially completed.

An Unusual Monument

Built of Concrete

HIGH on the hill overlooking Astoria, Oregon, and the mouth of the Columbia River stands this exceptional shaft, erected as a memorial to John Jacob Astor, Lewis and Clark and other pioneers who founded our Pacific Northwest.

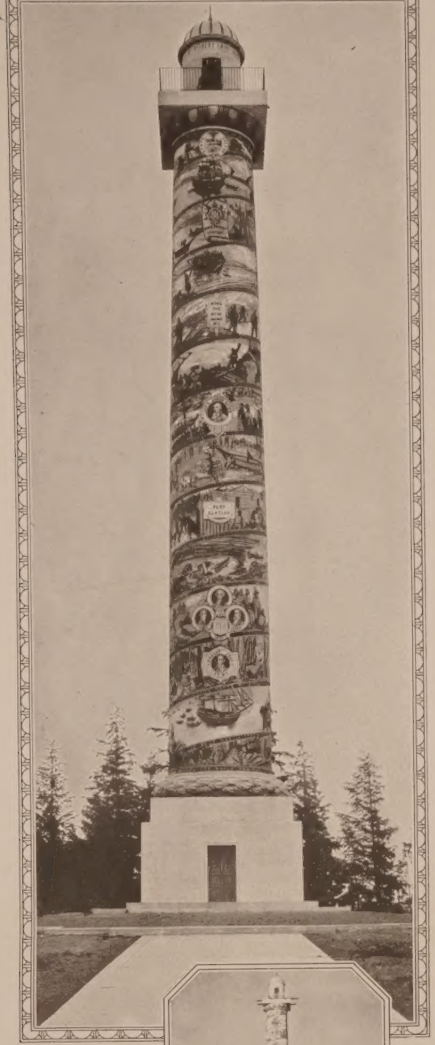
It is 123 feet high and 15 feet in diameter, constructed of reinforced concrete. An interior spiral stairway leads to the lantern balcony. On the surface of the shaft is a 10-foot spiral band with a sgraffito pictorial depicting historical scenes of the district.

The ornamental and colorful effects of the sgraffito process were attained by first superimposing several thin layers of concrete of different tints upon the surface of the shaft, then cutting through to the correct depth to complete the design in the desired colorings. Thus a striking relief effect in permanent colorings was achieved.

The monument was designed by Electus Litchfield of New York and was built by A. Guthrie & Co. of Portland, from funds provided by the Great Northern Railway and Mr. Vincent Astor. It was constructed under the supervision of engineers of the Spokane, Portland and Seattle Railway Co.

PORTLAND CEMENT ASSOCIATION
CHICAGO

PORTLAND CEMENT
CONCRETE
for permanence



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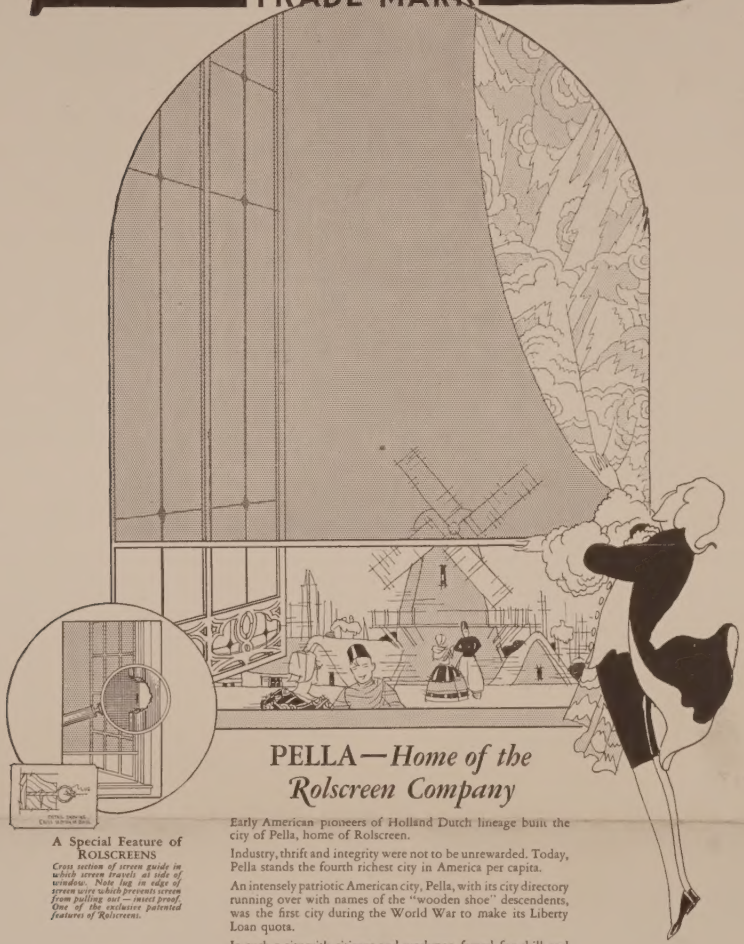
Rolscreens

TRADE MARK



A Special Feature of ROLSCREENS

Cross section of screen guide in which screen travels at side of window. Note lug in edge of screen wire which prevents screen from pulling out — insect proof. One of the exclusive patented features of Rolscreens.

PELLA—*Home of the Rolscreen Company*

Early American pioneers of Holland Dutch lineage built the city of Pella, home of Rolscreen.

Industry, thrift and integrity were not to be unrewarded. Today, Pella stands the fourth richest city in America per capita.

An intensely patriotic American city, Pella, with its city directory running over with names of the "wooden shoe" descendents, was the first city during the World War to make its Liberty Loan quota.

In such a city with citizens and workmen famed for skill and thoroughness of craftsmanship stands the Rolscreen Factory—with a qualified personnel and today's most modern equipment, operating with the efficiency that enables shipment of all screen orders within twenty-four hours after being received.

An Illustrated Booklet on Rolscreens Sent on Request

ROLSCREEN COMPANY

26 Main Street • • Pella, Iowa

Rolscreens roll up and down

Rolscreens are all metal construction

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The Durability and Economy of 62 Timken Bearings!

Wear is crowded out of the Ohio "Single Line" 1-yard Gasoline Shovel, by a total of 62 Timken Bearings. They have been applied to the transmission, crowding and hoisting drums, transverse traction shaft, vertical swing shaft, shipper shaft, point sheave, and conical rollers.

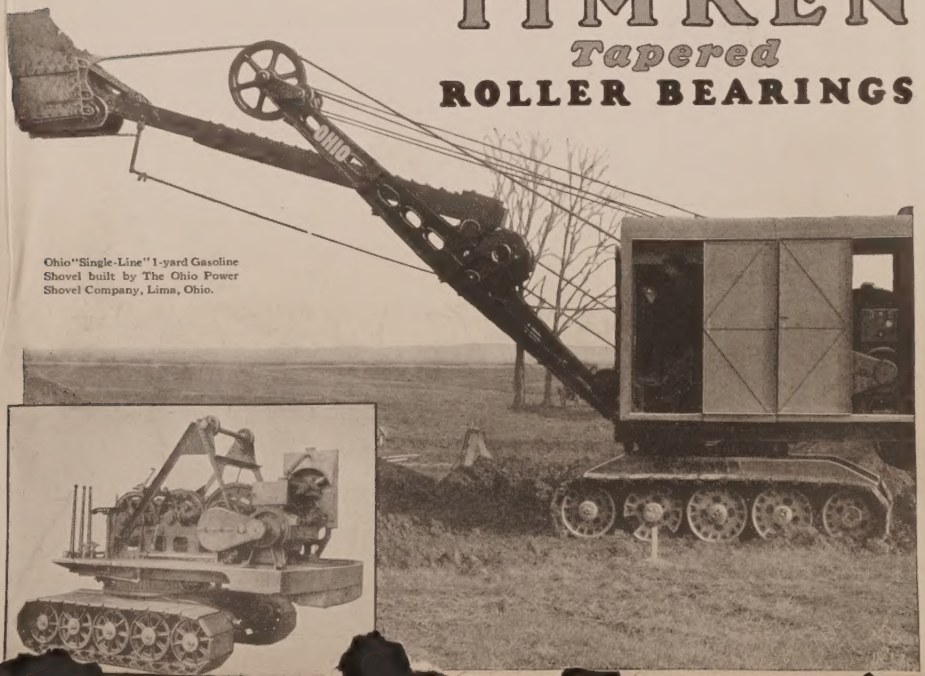
The opportunities are surely ample for Timken Bearings to demonstrate their abilities against thrust and shock, as well as against radial load and friction. The outcome is always victory for Timken tapered construction, Timken *POSITIVELY ALIGNED ROLLS*, and Timken electric steel —the exclusive combination—the *complete* protection.

Less lubrication, less fuel, and less labor move more yardage with Timken-equipped shovels, which is typical of Timken advantages in every type of contractor's equipment.

THE TIMKEN ROLLER BEARING CO., CANTON, OHIO

Exhibiting at the Road Show
SPACE ES-7
CLEVELAND
Jan. 9th to 13th

TIMKEN
Tapered
ROLLER BEARINGS



Ohio "Single-Line" 1-yard Gasoline Shovel built by The Ohio Power Shovel Company, Lima, Ohio.

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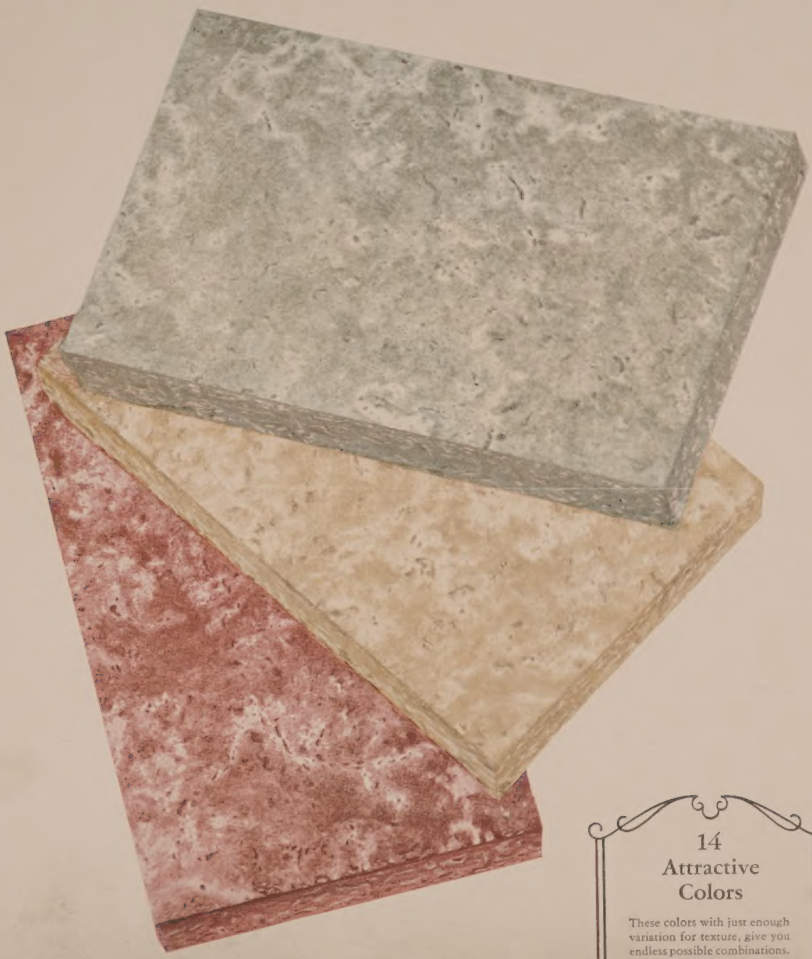
ZENITHERM



14 Attractive Colors

These colors with just enough variation for texture, give you endless possible combinations. Color schemes can be as conventional or as exotic as the selection requires. This range of colors gives you a Zenitherm color to harmonize with any other building material be it brick, marble or stone.

Natural Buff Gold Red Pink Drab Dark Brown
Light Brown Blue Black Green Olive Stone Gray Light Gray